



Black Bear Solid Waste Facility

The **Black Bear Solid Waste Facility** is a comprehensive Subtitle D landfill located in the northeast corner of Camden County, North Carolina. The proposed landfill will accept only wastes permitted by the North Carolina Department of Environment and Natural Resources and current plans include accepting non-hazardous municipal solid waste, industrial waste, construction and demolition debris, as well as land clearing and inert debris.

About the Site

- Entire site is 1,037 acres; landfill, buffers and support facilities will occupy 704 of those acres
- Subtitle D landfill will have a 490-acre footprint to be developed in five phases
- Proposed land use for the remaining acreage: 50 acres for commercial use, 91 acres for light industrial and 192 acres for wildlife protection and wetlands conservation
- Estimated life of site: 27+ years
- 30-year post-closure mandatory monitoring



Economic and Environmental Benefits of Black Bear Solid Waste Facility

- Safe, low-cost solid waste disposal for area residents and businesses
- Environmentally sound location; no protected species, archeologically or culturally sensitive sites, or protected wetlands
- Located near major transportation corridor; no impact on secondary roads
- No schools, public parks, playgrounds, child care centers, or churches along transportation route
- Financial benefit to Camden County and state of North Carolina is over \$1.8 million annually
- Investment in community means new jobs, retail center access, expansion of water/wastewater system, improvement in roads

Environmental Safeguards

- Subtitle D compliance meets all state and Federal regulations for siting, construction and operation
- State-of-the-art design includes:
 - 60 mil HDPE 24-inch EPA-approved liner system
 - extensive leachate (wastewater) collection system
 - aggressive stormwater/groundwater monitoring system
 - sedimentation and erosion control
 - air quality monitoring and control
 - liner leak detection system
 - closure cap system
 - landfill (methane) gas management

- Special features include leachate recirculation and bioreactor operation*

* Advantages of bioreactor landfill include increased rate of waste decomposition and settlement, lower waste toxicity and improved leachate management, increased landfill space, increased landfill gas production, methane extraction for power generation and reduced post-closure care.

Anticipated Operating Facts

- Accept waste 308 days per year with maximum disposal rate of 10,000 tons per day
- Waste loads monitored for regulatory compliance
- Specially trained personnel
- Regular monitoring of entire site by NCDENR for compliance
- Restricted access to operating area

About Waste Industries, USA, Inc.

Waste Industries USA, Inc., provides solid waste collection, transfer, disposal and recycling services to commercial, industrial, and residential customer locations in North Carolina, South Carolina, Virginia, Tennessee, Mississippi, Georgia and Florida. The company presently serves 550,000 customers with 34 collection operations, 27 transfer stations, 10 landfills and 90 convenience sites, making it the 15th largest solid waste services company in the world.